

## Storm Data and Unusual Weather Phenomena - August 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Central</b>				
(IL-Z040) SCHUYLER, (IL-Z041) MASON, (IL-Z042) LOGAN, (IL-Z043) DE WITT, (IL-Z044) PIATT, (IL-Z045) CHAMPAIGN, (IL-Z046) VERMILION, (IL-Z047) CASS, (IL-Z048) MENARD, (IL-Z049) SCOTT, (IL-Z050) MORGAN, (IL-Z051) SANGAMON, (IL-Z052) CHRISTIAN, (IL-Z053) MACON, (IL-Z054) MOULTRIE, (IL-Z055) DOUGLAS, (IL-Z056) COLES, (IL-Z057) EDGAR, (IL-Z061) SHELBY, (IL-Z062) CUMBERLAND, (IL-Z063) CLARK, (IL-Z066) EFFINGHAM, (IL-Z067) JASPER, (IL-Z068) CRAWFORD, (IL-Z071) CLAY, (IL-Z072) RICHLAND, (IL-Z073) LAWRENCE				
	08/03/10 12:00 CST		0	Excessive Heat
	08/04/10 18:00 CST		0	
A large upper-level ridge of high pressure over the southern U.S. produced an extended period of hot and humid weather across central Illinois. With actual air temperatures well into the 90s and dewpoints in the upper 70s...heat index readings soared above 105 degrees....with the highest values noted along and south of a Rushville...to Lincoln...to Danville line.				
<b>CASS COUNTY --- VIRGINIA [39.95, -90.22]</b>				
	08/04/10 15:35 CST		1.80K	Thunderstorm Wind (EG 52 kt)
	08/04/10 15:40 CST		0	Source: Newspaper
A metal carport was blown across a street, causing damage to the roof and side of Parlier's Auto Body.				
<b>CASS COUNTY --- VIRGINIA [39.95, -90.22]</b>				
	08/04/10 15:35 CST		20K	Thunderstorm Wind (EG 52 kt)
	08/04/10 15:40 CST		0	Source: Law Enforcement
Several trees were blown down in Virginia.				
<b>VERMILION COUNTY --- 2.1 W ROSSVILLE [40.38, -87.71]</b>				
	08/04/10 16:18 CST		0	Hail (0.75 in)
	08/04/10 16:19 CST		0	Source: Emergency Manager
<b>VERMILION COUNTY --- 0.7 N DANVILLE [40.14, -87.62]</b>				
	08/04/10 17:13 CST		30K	Thunderstorm Wind (EG 52 kt)
	08/04/10 17:18 CST		0	Source: Emergency Manager
Numerous trees and power lines were blown down on the north side of Danville.				
A cold front dropping southward into a very hot and humid airmass triggered widely scattered thunderstorms along and south of a Pittsfield to Danville line during the afternoon and early evening hours of August 4th. A few of the storms became severe, producing penny-sized hail and minor wind damage.				
(IL-Z027) KNOX, (IL-Z028) STARK, (IL-Z029) PEORIA, (IL-Z030) MARSHALL, (IL-Z031) WOODFORD, (IL-Z036) FULTON, (IL-Z037) TAZEWEEL, (IL-Z038) MCLEAN, (IL-Z040) SCHUYLER, (IL-Z041) MASON, (IL-Z042) LOGAN, (IL-Z043) DE WITT, (IL-Z044) PIATT, (IL-Z045) CHAMPAIGN, (IL-Z046) VERMILION, (IL-Z047) CASS, (IL-Z048) MENARD, (IL-Z049) SCOTT, (IL-Z050) MORGAN, (IL-Z051) SANGAMON, (IL-Z052) CHRISTIAN, (IL-Z053) MACON, (IL-Z054) MOULTRIE, (IL-Z055) DOUGLAS, (IL-Z056) COLES, (IL-Z057) EDGAR, (IL-Z061) SHELBY, (IL-Z062) CUMBERLAND, (IL-Z063) CLARK, (IL-Z066) EFFINGHAM, (IL-Z067) JASPER, (IL-Z068) CRAWFORD, (IL-Z071) CLAY, (IL-Z072) RICHLAND, (IL-Z073) LAWRENCE				
	08/09/10 12:00 CST		0	Excessive Heat
	08/14/10 14:00 CST		0	
A large upper-level ridge of high pressure over the southern U.S. produced an extended period of hot and humid weather across central Illinois from August 9th through August 14th. With actual air temperatures well into the 90s and dewpoints in the upper 70s...heat index values soared above 105 degrees....with readings occasionally in excess of 110 degrees along and south of a Shelbyville to Paris line.				
<b>FULTON COUNTY --- 3.7 SSW MANLEY [40.53, -90.44], 1.9 N BRYANT [40.50, -90.08], 0.6 NW LEWISTOWN [40.41, -90.16], 3.9 WNW TABLE GROVE [40.39, -90.44]</b>				
	08/09/10 22:30 CST		0	Flash Flood (due to Heavy Rain)
	08/10/10 01:30 CST		0	Source: Trained Spotter
Rainfall rates of more than 2.00 inches in an hour produced areas of flash flooding in northwest portions of Fulton County. Several rural roads were inundated and impassable as a result.				
A weak stationary front draped across central Illinois provided the focus for scattered strong thunderstorms in parts of west central Illinois from late in the evening August 9th into the early morning of August 10th. Several thunderstorms training across already saturated areas of Fulton County produced flash flooding.				

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<b>FULTON COUNTY --- CANTON [40.57, -90.03]</b>				
	08/10/10 18:29 CST		12K	Thunderstorm Wind (EG 52 kt)
	08/10/10 18:34 CST		0	Source: Mesonet
A large tree was blown down on North Main Street in Canton. Numerous tree branches were knocked down around town.				
<b>CHAMPAIGN COUNTY --- 2.0 NW TOLONO [40.00, -88.28], 1.0 E PHILO [40.00, -88.13], 1.5 WSW BONGARD [39.91, -88.15], 0.9 NW PESOTUM [39.93, -88.28]</b>				
	08/10/10 18:45 CST		0	Flash Flood (due to Heavy Rain)
	08/10/10 22:00 CST		0	Source: Mesonet
Isolated, slow moving thunderstorm produced copious amounts of rain in a small part of south central Champaign County. Rainfall rates of 1.50 to 2.00 inches of rain for nearly two hours produced flash flooding which inundated several rural roads and parts of U.S. Route 45 south of Tolono.				
<b>SCHUYLER COUNTY --- 3.0 WSW BROOKLYN [40.22, -90.83], 2.6 NNE RUSHVILLE [40.15, -90.55], 6.2 SSW RUSHVILLE ARPT [40.03, -90.62], 4.6 SSE ERWIN [40.07, -90.67], 1.7 SSE ERWIN [40.11, -90.69], 4.4 SW CAMDEN [40.11, -90.84]</b>				
	08/10/10 19:00 CST		0	Flash Flood (due to Heavy Rain)
	08/11/10 00:00 CST		0	Source: Law Enforcement
Thunderstorms with heavy rainfall produced rates of 1.50 to 2.00 inches of rain per hour for 2 to 3 hours. This resulted in the flash flooding of rural roads in most of western and central Schuyler County. Total rainfall amounts ranged from 3.00 to 5.00 inches in much of the impacted area.				
<b>FULTON COUNTY --- 2.8 SW LONDON MILLS [40.69, -90.30], 2.9 WSW MIDDLEGROVE [40.69, -90.15], 0.8 NNW FIATT [40.58, -90.18], 0.2 WNW BABYLON [40.58, -90.35]</b>				
	08/10/10 20:00 CST		0	Flash Flood (due to Heavy Rain)
	08/11/10 01:00 CST		0	Source: Emergency Manager
Isolated thunderstorms in northwest Fulton County produced rainfall rates of 1.50 inches per hour for at least two hours which resulted in flash flooding. The flooding inundated most rural roads in the area.				
<b>FULTON COUNTY --- 6.0 WSW ASTORIA [40.19, -90.45], 4.3 WNW TABLE GROVE [40.39, -90.45], 1.5 SSW BERNADOTTE [40.38, -90.33], 4.6 SE ASTORIA [40.19, -90.28]</b>				
	08/10/10 20:15 CST		0	Flash Flood (due to Heavy Rain)
	08/11/10 01:00 CST		0	Source: Emergency Manager
Thunderstorms produced heavy rainfall, with rates of 1.50 inches per hour for at least two hours during the late evening of August 10th in southwest Fulton County. U.S. Route 136 from Ipava to the county line was covered with two to three feet of water in spots and was closed for a few hours.				
<b>SCHUYLER COUNTY --- 1.2 ESE RAY [40.19, -90.45], 1.6 NE SHELDONS GROVE [40.19, -90.28], 2.6 WSW FREDERICK [40.05, -90.47], 5.2 SSE RUSHVILLE [40.05, -90.55]</b>				
	08/10/10 20:15 CST		0	Flash Flood (due to Heavy Rain)
	08/11/10 01:00 CST		0	Source: Law Enforcement
Isolated thunderstorms in eastern Schuyler County produced heavy rainfall, with rates of 1.50 inches per hour for at least two hours during the late evening of August 10th. Rural roads, many of which were damaged in flooding the previous month, were inundated and impassable.				
<b>Widely scattered thunderstorms developed along a stationary frontal boundary during the evening of August 10th into the early morning of August 11th. The storms were mainly confined to locations along and north of a Rushville to Danville line. One wind damage report was received from northern Fulton County, while a few other thunderstorms produced flash flooding and locally heavy rainfall in excess of 3 inches.</b>				
<b>PEORIA COUNTY --- DUNLAP [40.87, -89.67]</b>				
	08/13/10 16:55 CST		4K	Thunderstorm Wind (EG 52 kt)
	08/13/10 17:00 CST		0	Source: Emergency Manager
Two large tents at a festival were destroyed by strong winds.				
<b>PEORIA COUNTY --- 2.0 NNW BARTONVILLE [40.68, -89.68]</b>				
	08/13/10 17:00 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/13/10 17:05 CST		0	Source: Emergency Manager
A large tree limb was blown down on Kimmoor Road in Limestone Township.				

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<b>LOGAN COUNTY --- 0.6 NE LINCOLN [40.16, -89.36]</b>				
	08/13/10 17:55 CST		3K	Thunderstorm Wind (EG 52 kt)
	08/13/10 18:00 CST		0	Source: Emergency Manager

Powerlines were blown down near Lincoln College.

**A large complex of thunderstorms developed over Iowa during the afternoon of August 13th, then tracked east-southeast into west central Illinois by early evening. The storms produced 50 to 60 mph winds as they pushed eastward, eventually weakening along the I-55 corridor. Scattered reports of wind damage were received, particularly across the Illinois River Valley.**

<b>MORGAN COUNTY --- JACKSONVILLE [39.73, -90.23]</b>				
	08/20/10 17:10 CST		45K	Thunderstorm Wind (EG 52 kt)
	08/20/10 17:15 CST		0	Source: Newspaper

Numerous tree limbs were blown down across Jacksonville. A tree was snapped at the trunk and fell onto Hoagland Boulevard. A large window at a bridal shop was broken and several homes lost shingles from their roofs.

<b>SANGAMON COUNTY --- 0.2 SW SPRINGFIELD [39.80, -89.65]</b>				
	08/20/10 21:00 CST		0	Heavy Rain
	08/20/10 23:59 CST		0	Source: Law Enforcement

A woman drowned in downtown Springfield near the intersection of 3rd and Capitol after her car stalled in an underpass which was flooded due to a storm sewer backup. As she was trying to push her car out of about three feet of standing water, she slipped partially into a manhole cover and was submerged. The area had received 1.52 of rain, with 1.41 falling during the two hours prior to the drowning. Minor flooding of typically flood-prone areas was reported elsewhere around Springfield.

**An upper-level disturbance pushed into west-central Illinois during the afternoon of August 20th, triggering widespread showers and thunderstorms. Due to a very moist airmass and relatively slow storm motion, locally heavy rainfall of between 1 and 3 inches occurred. Minor flooding was reported in many typically flood-prone locations. One fatality occurred in Springfield when a woman fell partially into a manhole as she was attempting to push her car out of a flooded viaduct. Several of the thunderstorms produced gusty winds, with one cell downing numerous tree branches in Morgan County.**